**ITGS Class Database Class Assessment**

**Mr Trofimczuk Deadline Thursday 21st March**

**Points to Note:**

* Grade boundaries apply-refer to Moodle or the ITGS Wiki
* How will this marked?

Grade 7-All points incorporated to a high standard with some additional features

Grade 6-Most points incorporated to a good standard with one additional feature

Grade 5-Most points incorporated to a good standard

Grade 4- Some points incorporated to a satisfactory standard

Grade 3-Datbase attempted and some features working

**Scenerio**

Yeehspin Oy toys is a toy manufacturing company that produces toys for children aged between 5-10yrs. Yeehspin Oy employ a total of 35 staff and have two factories (one in Oulu and one in Lahti). Yeehspin Oy are in desperate need of a new simplified database system to do the following functions:

1. Store all employee data records
2. Store all toy products records produced in their factories
3. Inventory list for all company equipment on both manufacturing sites
4. Store all records of distributors that Yeehspin Oy toys are sold to
5. Store supplier details (materials used to produce toys in manufacturing process)

Yeehspin Oy staff have requested the Database is visually pleasant and easy to use. Some staff have very basic technology skills, so they would like some kind of help guide or manual.

Senior management would like to have a sub system of the database that is hidden from most staff, which is protected or password secure to be able too:

* Link the toy products table with the distributor table
* Dashboard/Switchboard console
* Query system for: searching toys, staff, suppliers and distributors
* Report system for printing queries in a nice looking format
* Possibility of a complex query to analyze the sales to suppliers by using a week search query.